

SECTION **EL****When you read wiring diagrams:**

- Read GI section, “HOW TO READ WIRING DIAGRAMS”.

When you perform trouble diagnoses, read GI section, “HOW TO FOLLOW FLOW CHART IN TROUBLE DIAGNOSES” and “HOW TO PERFORM EFFICIENT DIAGNOSIS FOR AN ELECTRICAL INCIDENT”.

- Check for any service bulletins before servicing the vehicle.

MODIFICATION NOTICE:

- Combination meter has been changed.
- Wiring Diagram has been changed.

CONTENTS

PRECAUTIONS AND PREPARATION	4	BATTERY	40
Supplemental Restraint System (SRS) “AIR BAG” and “SEAT BELT PRE-TENSIONER”.....	4	Service Data and Specifications (SDS).....	40
Precautions for Trouble Diagnoses.....	4	STARTING SYSTEM	41
Precautions for Harness Repair.....	4	Wiring Diagram - START -/A/T Models with TB48 Engine.....	41
POWER SUPPLY ROUTING	6	Service Data and Specifications (SDS).....	42
Schematic.....	6	CHARGING SYSTEM	43
Wiring Diagram - POWER -.....	7	Wiring Diagram - CHARGE -.....	43
GROUND DISTRIBUTION	17	Construction.....	44
Engine Room Harness/LHD Models.....	17	Service Data and Specifications (SDS).....	45
Engine Room Harness/RHD Models.....	19	HEADLAMP - CONVENTIONAL TYPE -	46
Engine Control Harness/LHD Models.....	21	Wiring Diagram - H/LAMP -.....	46
Engine Room Harness/RHD Models.....	23	HEADLAMP - HEADLAMP AIMING CONTROL -	47
Main Harness/LHD Models.....	25	Wiring Diagram - H/AIM -.....	47
Main Harness/RHD Models.....	28	HEADLAMP - DAYTIME LIGHT SYSTEM -	49
Body Harness/LHD Models.....	31	Wiring Diagram - DTRL -.....	49
Body Harness/RHD Models.....	33	PARKING, LICENSE AND TAIL LAMPS	51
Body No. 2 Harness/LHD Models.....	34	Wiring Diagram - TAIL/L -/Type A.....	51
Body No. 2 Harness/RHD Models.....	35	Wiring Diagram - TAIL/L -/Type B.....	53
Back Door and Rear Window Defogger Harness/LHD Models.....	36	Wiring Diagram - TAIL/L -/Type C.....	55
Back Door and Rear Window Defogger Harness/RHD Models.....	37	BACK-UP LAMP	57
COMBINATION SWITCH	38	Wiring Diagram - BACK/L -/LHD Models for TB48 Engine with A/T.....	57
Check.....	38	Wiring Diagram - F/FOG -/RHD Models for Europe and China.....	58
STEERING SWITCH	39	Wiring Diagram - F/FOG -/LHD Models for Europe.....	59
Check.....	39		

ELECTRICAL SYSTEM

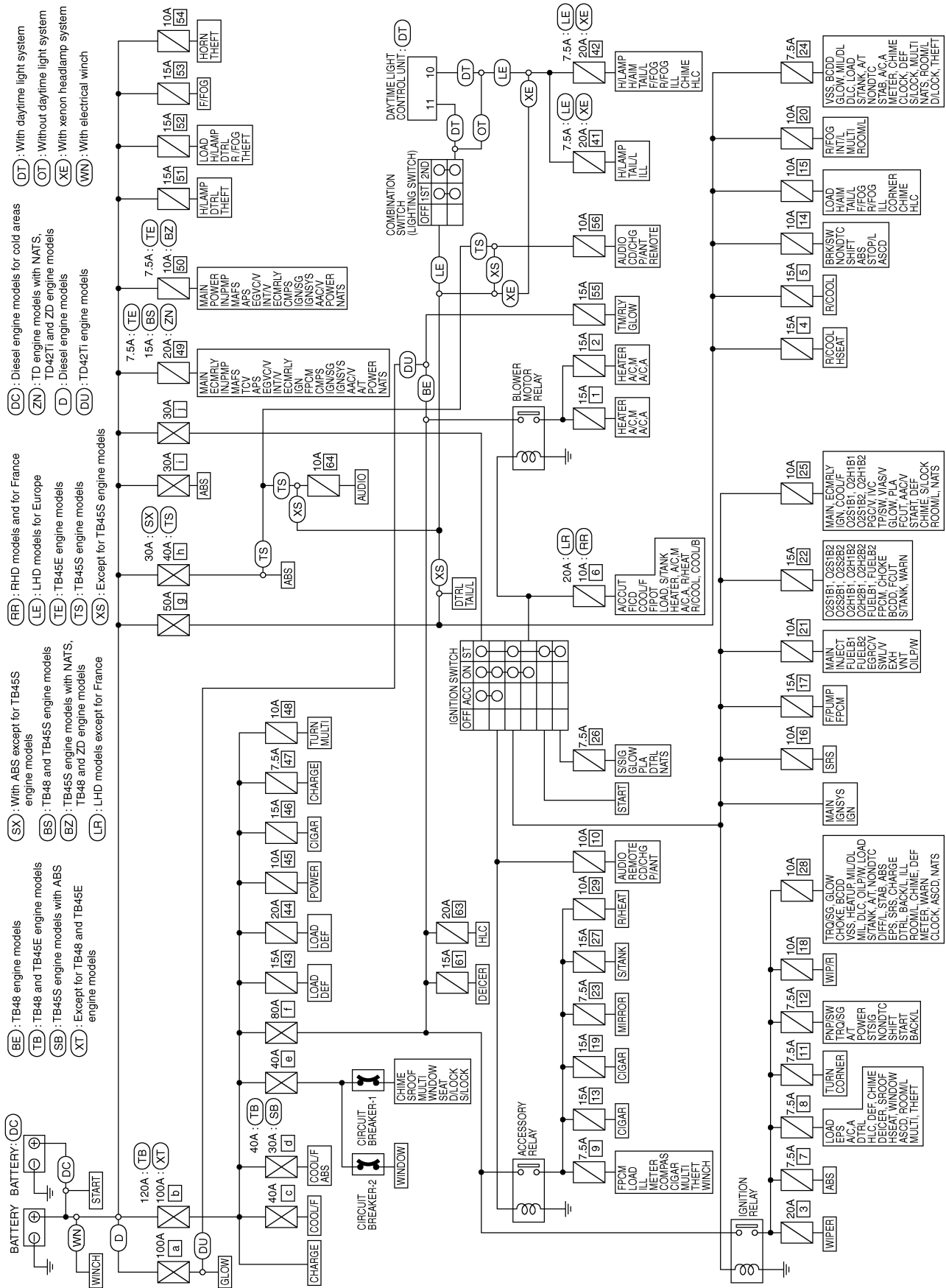
REAR FOG LAMP	60	Wiring Diagram - ASCD -/TB48 and TD42Ti	
Wiring Diagram - R/FOG -/For Europe and China..	60	Engine Models	123
TURN SIGNAL AND HAZARD WARNING LAMPS ...	63	Fail-safe System/TB48 Engine Models	127
Wiring Diagram - TURN -/Type A	63	Trouble Diagnoses/TB48 Engine Models.....	128
Wiring Diagram - TURN -/Type C	65	Electrical Component Inspection/TB48 Engine	
ILLUMINATION	69	Models	137
Schematic	69	ASCD Wire Adjustment/TB48 Engine Models	138
Wiring Diagram - ILL -	70	POWER DOOR LOCK	139
Wiring Diagram - ROOM/L -/LHD Models for		Schematic/Without Theft Warning System	
Europe	76	Models	139
Wiring Diagram - ROOM/L -/RHD Models for		Wiring Diagram - D/LOCK -/Without Theft	
Europe	78	Warning System Models.....	140
INTERIOR ROOM LAMP - WITHOUT TIMER -	80	Schematic/With Theft Warning System Models....	143
Wiring Diagram - ROOM/L -/LHD Models.....	80	Wiring Diagram - D/LOCK -/With Theft Warning	
Wiring Diagram - ROOM/L -/RHD Models	81	System Models	144
METER AND GAUGES	82	POWER DOOR LOCK - SUPER LOCK -	152
Combination Meter	82	Schematic	152
Schematic	83	Wiring Diagram - S/LOCK -/LHD Models.....	153
Wiring Diagram - METER -	84	Wiring Diagram - S/LOCK -/RHD Models	158
Wiring Diagram - LOAD/S -/TB48 Engine Models		Trouble Diagnoses/With Theft Warning System	
with A/T	86	Models	163
iCAN Communication/TB48 Engine Models With		MULTI-REMOTE CONTROL SYSTEM	169
A/T	88	Schematic/With Theft Warning System Models....	169
COMPASS AND THERMOMETER	89	Wiring Diagram - MULTI -/LHD Models with	
Wiring Diagram - COMPAS -	89	Theft Warning System	170
WARNING LAMPS	90	Wiring Diagram - MULTI -/RHD Models with	
Schematic	90	Theft Warning System	174
Wiring Diagram - WARN -	92	Trouble Diagnoses/With Theft Warning System	
A/T INDICATOR	104	Models	177
Wiring Diagram - AT/IND -/TB48 Engine Models		ID Code Entry Procedure/With Theft Warning	
with A/T	104	System Models	183
Wiring Diagram - CHIME -/LHD Models for		Remote Controller Battery Replacement/With	
Europe	105	Theft Warning System Models	187
HEADLAMP WASHER	106	THEFT WARNING SYSTEM	188
Wiring Diagram - HLC -	106	Schematic	188
Washer Tube Layout	108	Wiring Diagram - THEFT -/LHD Models	189
CIGARETTE LIGHTER	109	Wiring Diagram - THEFT -/RHD Models.....	194
Wiring Diagram - CIGAR -/LHD Models.....	109	UNIFIED METER CONTROL UNIT (TIME	
Wiring Diagram - CIGAR -/RHD Models	110	CONTROL SYSTEM)	199
WIPER DEICER	111	Schematic/Except for Europe and With Theft	
Wiring Diagram - DEICER -	111	Warning System Models.....	199
REAR WINDOW DEFOGGER	112	NATS (NISSAN ANTI-THEFT SYSTEM)/TB48DE	
Wiring Diagram - DEF -/LHD Models for Europe..	112	ENGINE MODELS FOR EUROPE	200
Wiring Diagram - DEF -/RHD Models Except for		System Description.....	200
Europe	114	System Composition.....	200
AUDIO	115	Wiring Diagram - NATS -	201
Schematic/For Europe	115	CONSULT-II.....	203
Wiring Diagram - AUDIO -/LHD Models for		Trouble Diagnoses.....	205
Europe	116	How to Replace NATS IMMU.....	214
Wiring Diagram - CD/CHG -/With IDIN Type CD		NATS (NISSAN ANTI-THEFT SYSTEM)/ZD	
Auto Changer.....	119	ENGINE MODELS	215
Wiring Diagram - REMOTE -	120	Wiring Diagram - NATS -/For Europe	215
CLOCK	121	Wiring Diagram - NATS -/LHD Models for	
Wiring Diagram - CLOCK -	121	Europe	216
AUTOMATIC SPEED CONTROL DEVICE (ASCD) .	122	Wiring Diagram - NATS -/RHD Models for	
Schematic/TB48 and TD42Ti Engine Models	122	Europe	217

ELECTRICAL SYSTEM

Wiring Diagram - NATS -/Except for Europe	218	Engine Room Harness/LHD Models	245
CAN SYSTEM/TB48 ENGINE MODELS WITH A/T	219	Engine Room Harness/RHD Models.....	253
Wiring Diagram - CAN -	219	Engine Harness	259
Trouble Diagnoses.....	220	Engine Control Harness	263
Component Inspection.....	228	Body Harness/LHD Models	265
LOCATION OF ELECTRICAL UNITS	229	Body Harness/RHD Models.....	269
Engine Compartment.....	229	Body No. 2 Harness/LHD Models	271
Passenger Compartment - LHD Models	231	Body No. 2 Harness/RHD Models.....	273
Passenger Compartment - RHD Models.....	233	Chassis Harness.....	275
HARNESS LAYOUT	236	Back Door Harness and Rear Window Defogger Harness.....	276
How to Read Harness Layout	236	WIRING DIAGRAM CODES (CELL CODES)	277
Main Harness/LHD Models.....	237	Wiring Diagram Codes (Cell Codes)	277
Main Harness/RHD Models	241		

POWER SUPPLY ROUTING

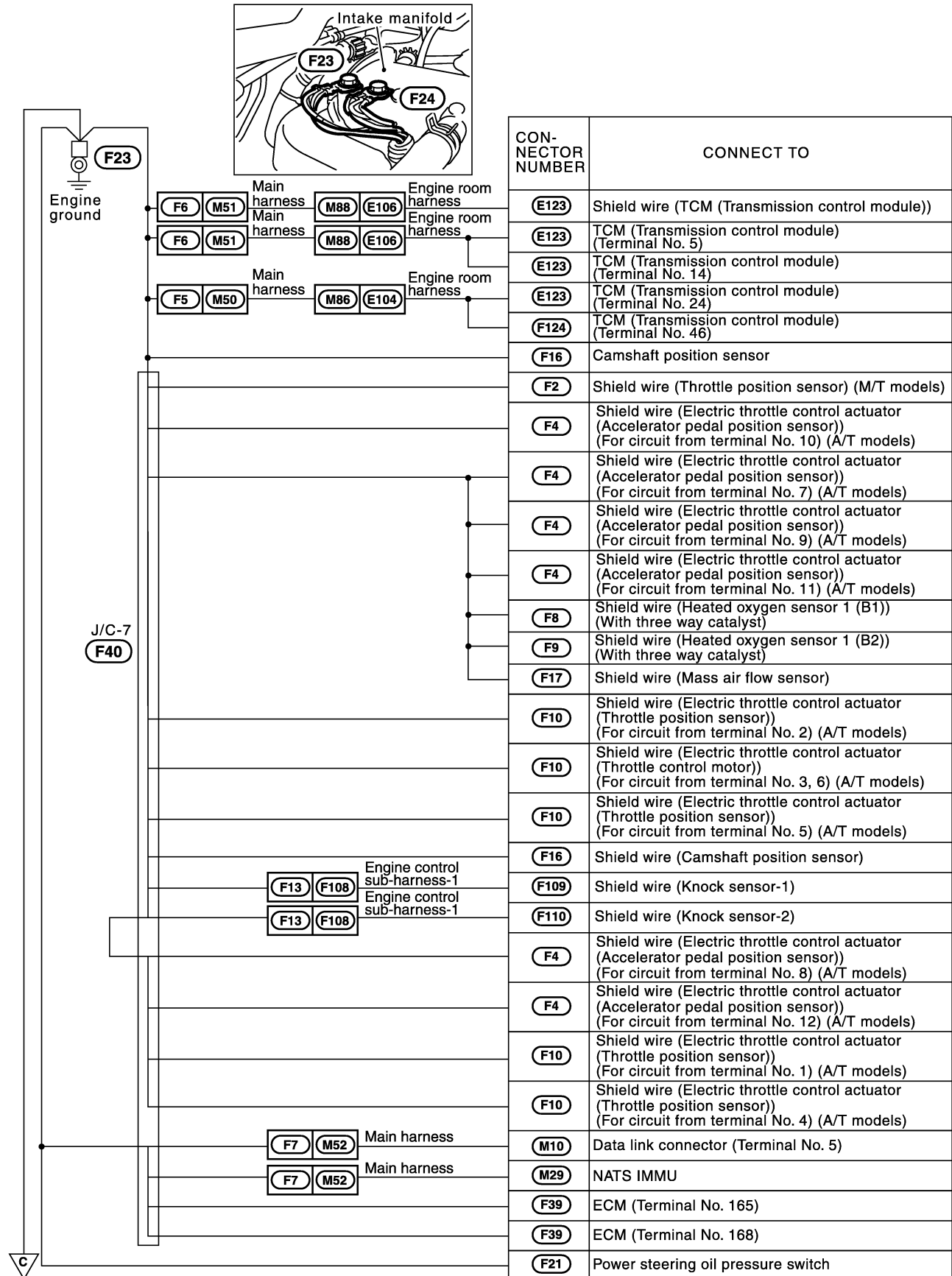
Schematic



GROUND DISTRIBUTION

Engine Room Harness/RHD Models

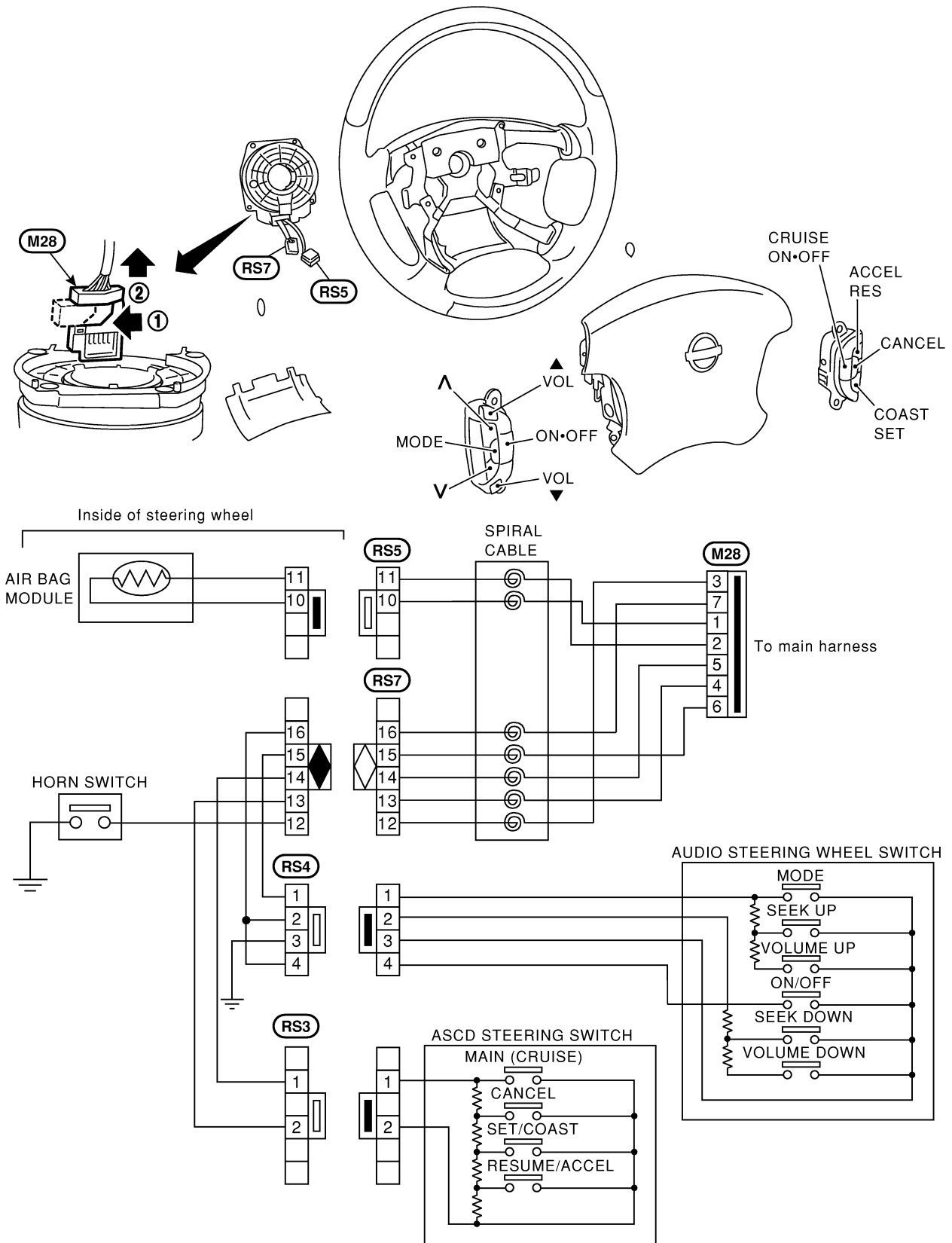
TB48DE ENGINE



STEERING SWITCH

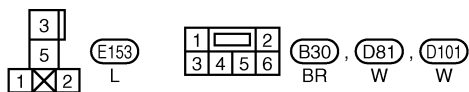
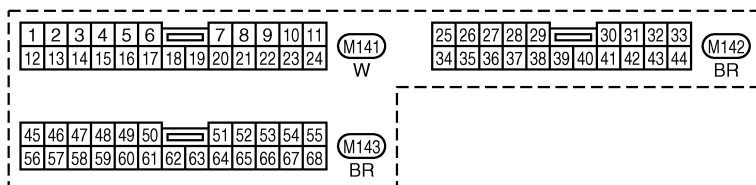
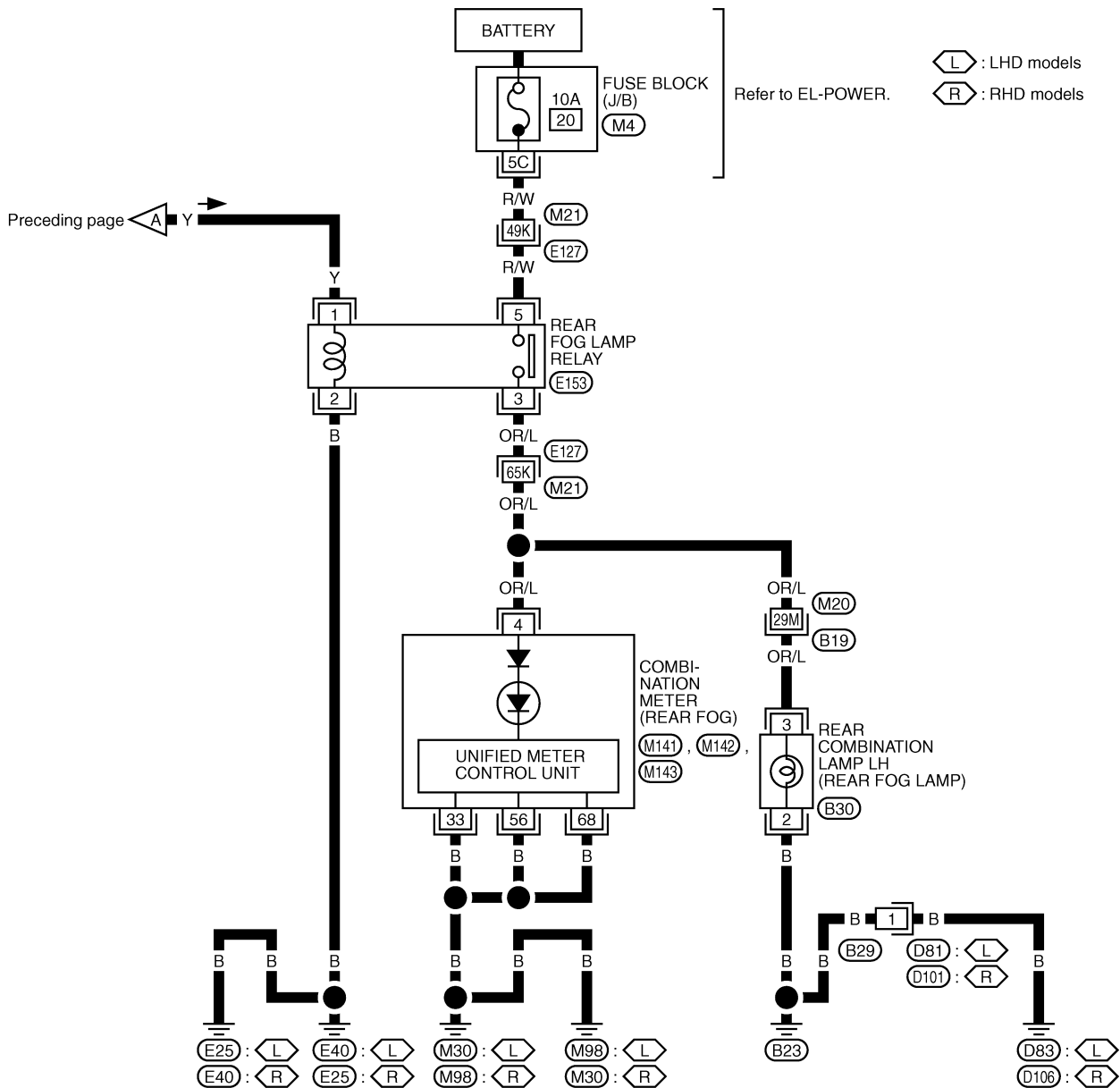
Check

WITH ASCD AND AUDIO SWITCH



Wiring Diagram — R/FOG —/For Europe and China (Cont'd)

EL-R/FOG-02



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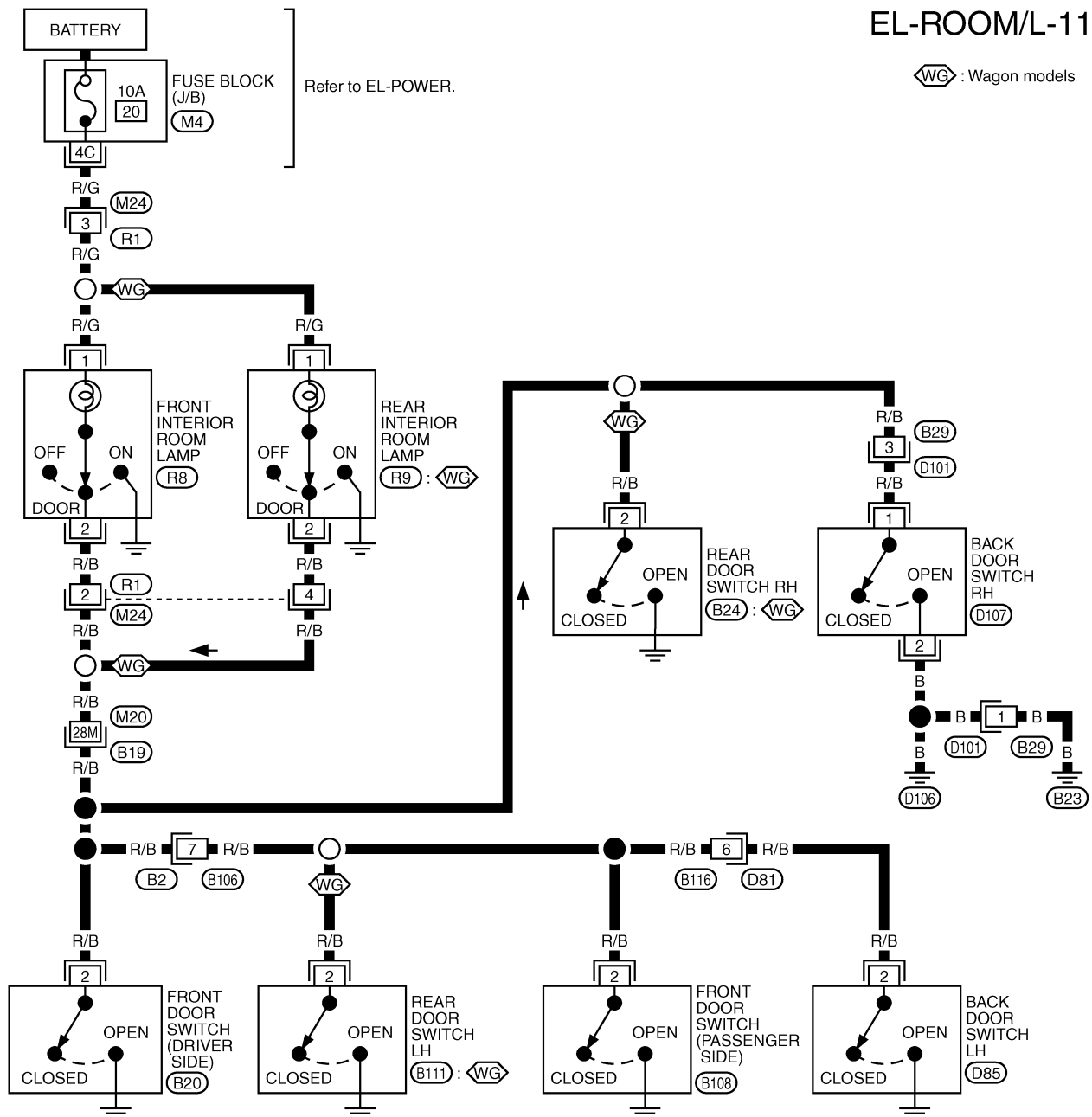
(M20), (B19)
(M21), (E127)
(M4)

INTERIOR ROOM LAMP — Without Timer —

Wiring Diagram — ROOM/L —/RHD Models

EL-ROOM/L-11

WG : Wagon models



1 2 3 4 M24, B2
5 6 7 8 9 10 W W

1 2 B20, B24, B108, B111, D85
3 B B B B B

1 2 R8, R9
W W

1 2 D81, D101
3 4 5 6 W W

1 D107
2 W

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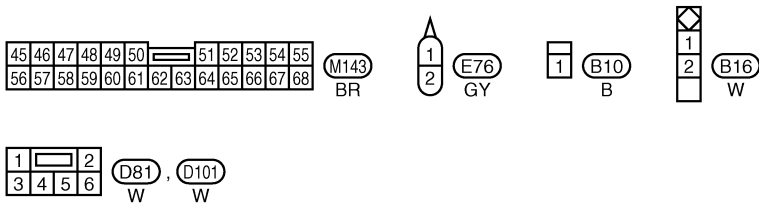
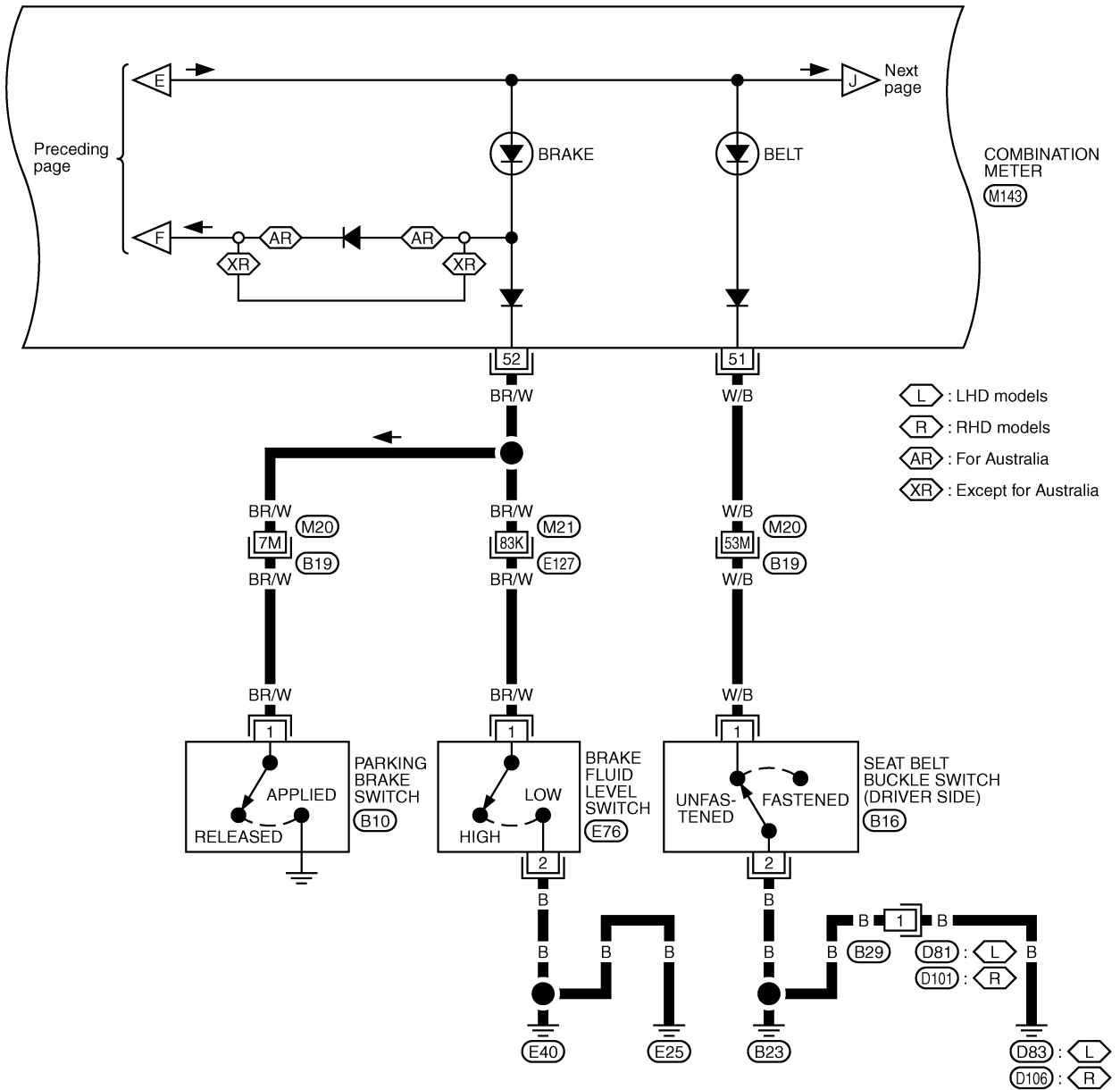
M20, B19

M4

WARNING LAMPS

Wiring Diagram — WARN — (Cont'd)

EL-WARN-04



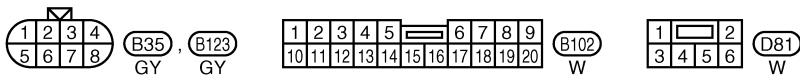
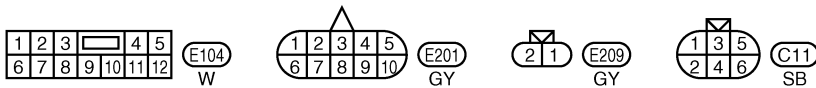
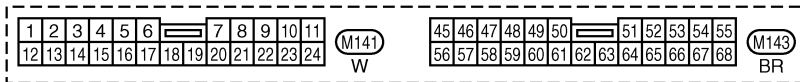
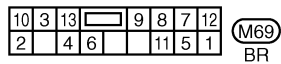
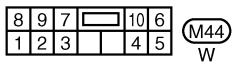
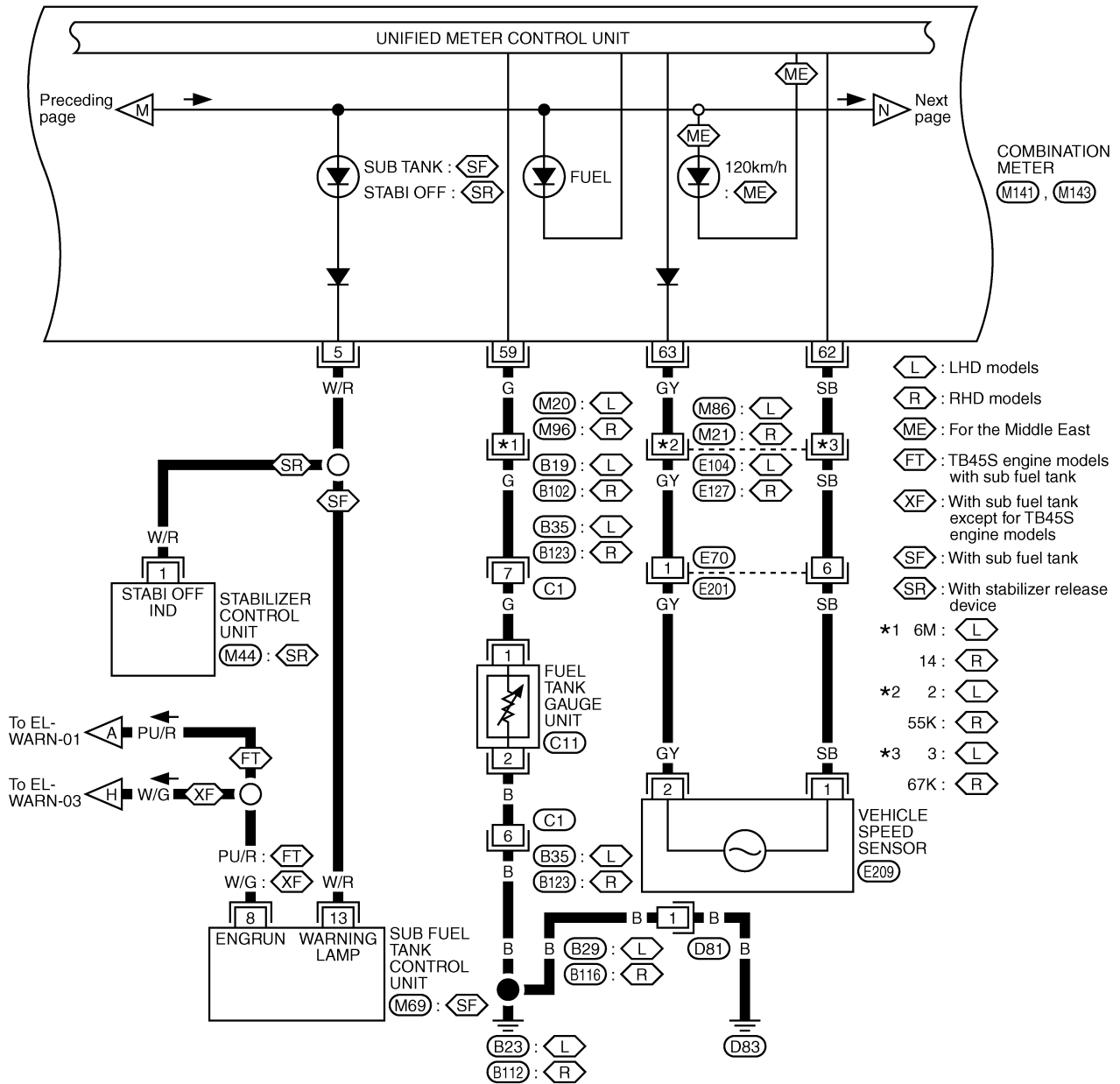
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(M20) (B19)

(M21) (E127)

Wiring Diagram — WARN — (Cont'd)

EL-WARN-08



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(M20), (B19)

M21, E127

AUTOMATIC SPEED CONTROL DEVICE (ASCD)

Trouble Diagnoses/TB48 Engine Models

SYMPTOM CHART

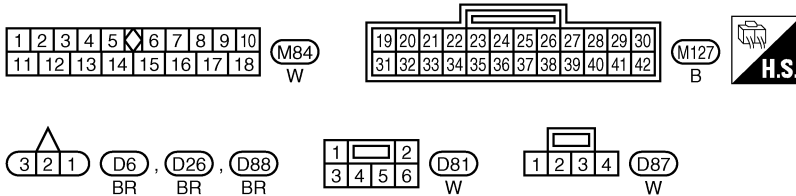
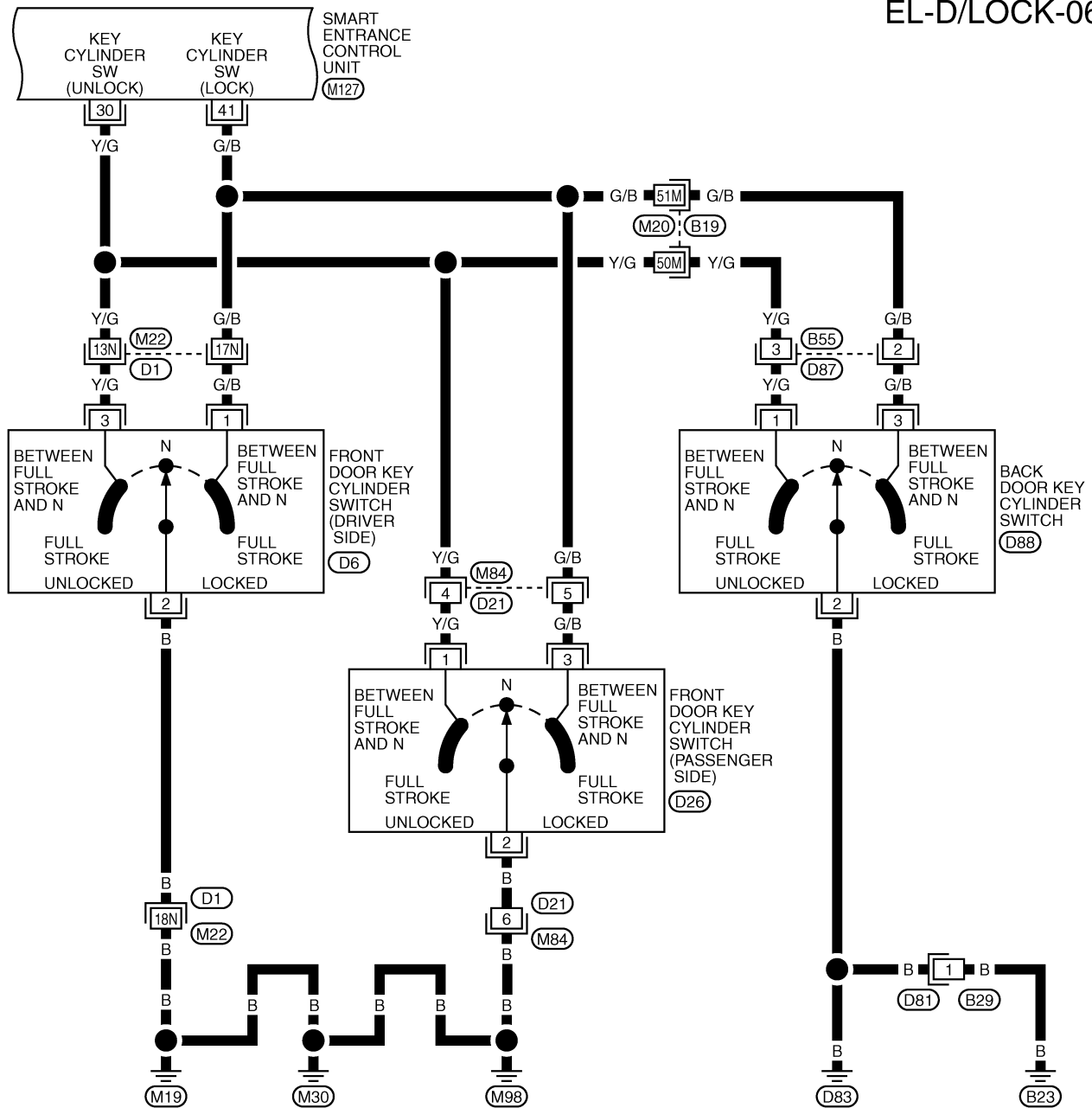
PROEDURE	Diagnostic procedure						
REFERENCE PAGE (EL-)	129	130	131	132	133	133	135
SYMPTOM	FAIL-SAFE SYSTEM CHECK	POWER SUPPLY AND GROUND CIRCUIT CHECK	ASCD BRAKE/STOP LAMP SWITCH CHECK	ASCD STEERING SWITCH CHECK	VEHICLE SPEED SENSOR CHECK	ASCD PUMP CIRCUIT CHECK	ASCD ACTUATOR/PUMP CHECK
ASCD cannot be set. ("CRUISE" indicator lamp does not ON.)		X		X★3			
ASCD cannot be set. ("SET" indicator lamp does not blink.)			X	X	X		
ASCD cannot be set. ("SET" indicator lamp blinks.★1)	X		X	X	X	X	
Vehicle speed does not decrease after SET/COAST switch has been pressed.				X			X
Vehicle speed does not return to the set speed after RESUME/ACCEL switch has been pressed.★2				X			X
Vehicle speed does not increase after RESUME/ACCEL switch has been pressed.				X			X
System is not released after CANCEL switch (steering) has been pressed.				X			X
Large difference between set speed and actual vehicle speed.					X	X	X
Deceleration is greatest immediately after ASCD has been set.					X	X	X

★1: It indicates that system is in fail-safe. After completing diagnostic procedures, perform "FAIL-SAFE SYSTEM CHECK" (EL-129) to verify repairs.
 ★2: If vehicle speed is greater than 48 km/h (30 MPH) after system has been released, pressing RESUME/ACCEL switch returns vehicle speed to the set speed previously achieved. However, doing so when the ASCD main switch is turned to "OFF", vehicle speed will not return to the set speed since the memory is canceled.
 ★3: Check only main switch built-in steering switch.

POWER DOOR LOCK

Wiring Diagram — D/LOCK —/With Theft Warning System Models (Cont'd)

EL-D/LOCK-06



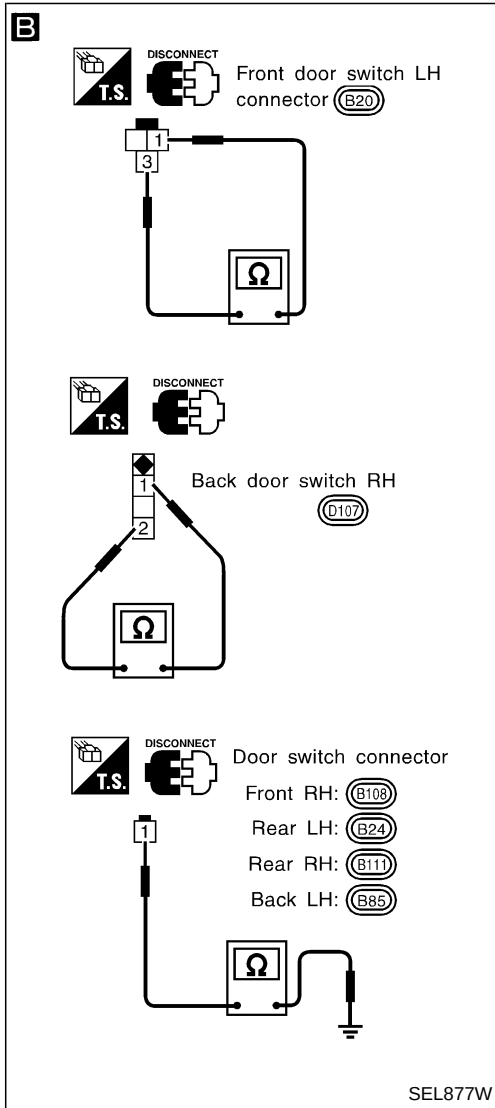
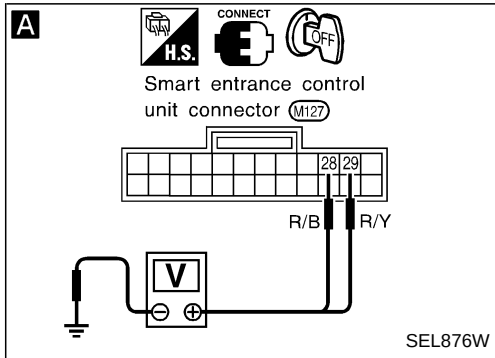
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M20, B19
M22, D1

POWER DOOR LOCK/WAGON AND HARDTOP MODELS

Trouble Diagnoses/With Theft Warning System Models (Cont'd)

DIAGNOSTIC PROCEDURE 4 (Door switch check)



A

CHECK DOOR SWITCH INPUT SIGNAL.
Check voltage between smart entrance control unit terminal 28 or 29 and ground.

OK

Door switch is OK.

	Terminals		Condition	Voltage [V]
	⊕	⊖		
Front LH door switch	29	Ground	Open	0
			Closed	Approx. 5
Front door, Rear and back door switch	28	Ground	Open	0
			Closed	Approx. 5

NG

B

CHECK DOOR SWITCH.

1. Disconnect door switch connector.
2. Check continuity between door switch terminals.

NG

Replace door switch.

	Terminals	Condition	Continuity
Front LH door switch	① - ③	Closed	No
		Open	Yes
Back door switch RH	① - ②	Closed	No
		Open	Yes
Other door switches	① - Ground	Closed	No
		Open	Yes

OK

Check the following.

- Door switch ground circuit (Front LH, back door RH) or door switch ground condition
- Harness for open or short between smart entrance control unit and door switch

MULTI-REMOTE CONTROL SYSTEM

Trouble Diagnoses/With Theft Warning System Models (Cont'd)

DIAGNOSTIC PROCEDURE 3

Hazard indicator does not flash properly when pressing lock or unlock button of remote controller. Everything else functions.

